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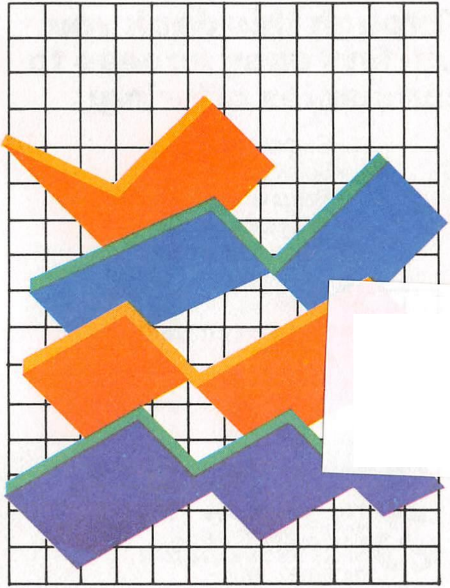

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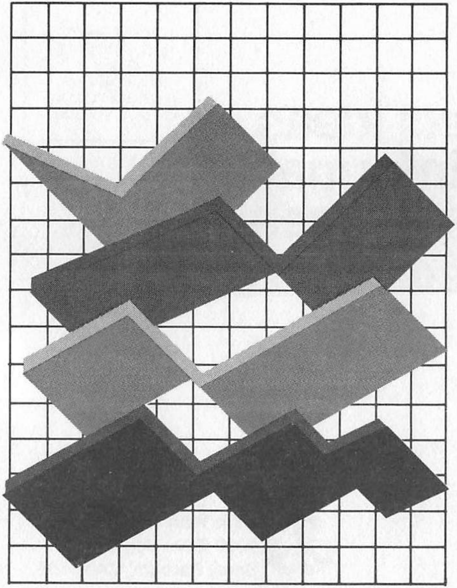

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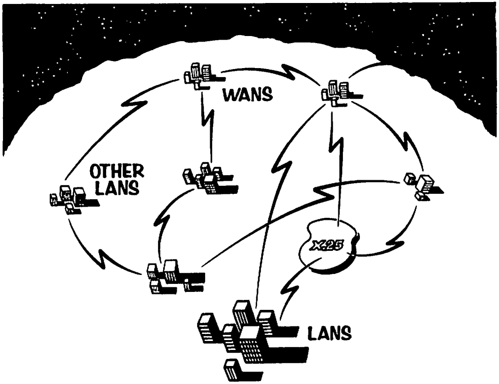

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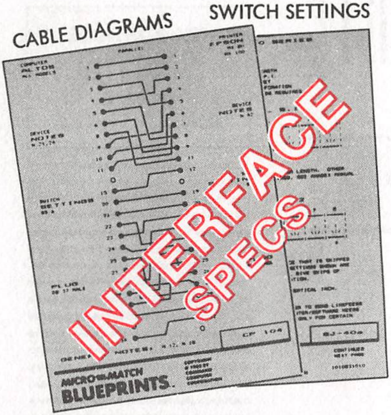

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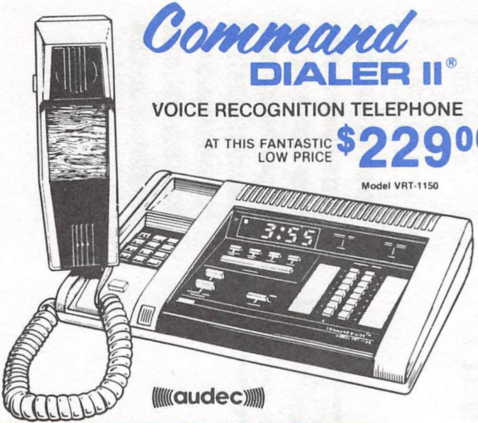

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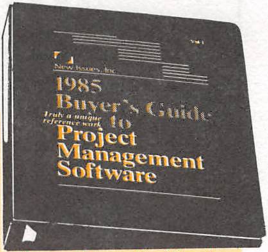

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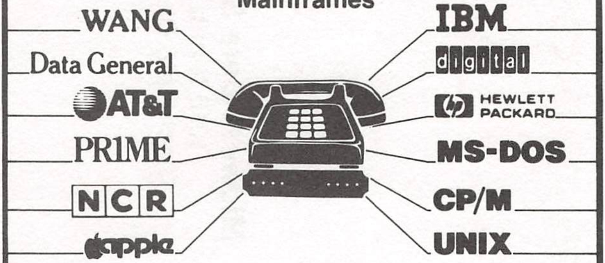
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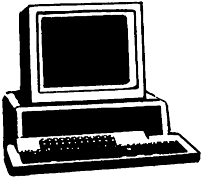

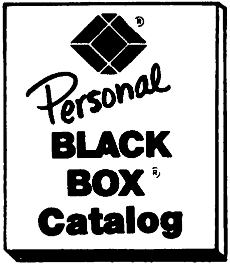

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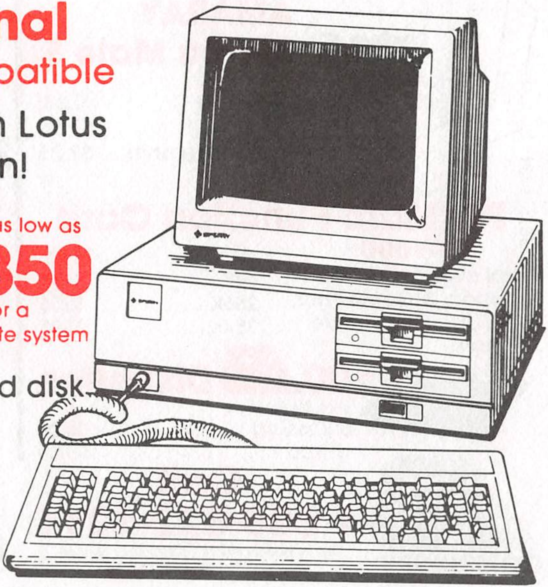

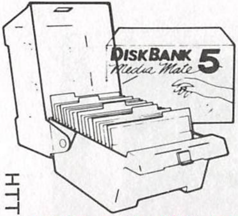

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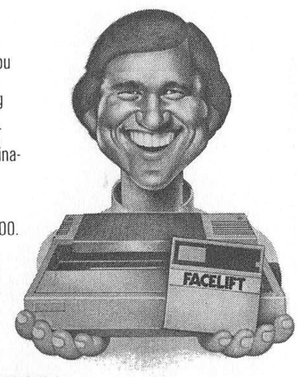

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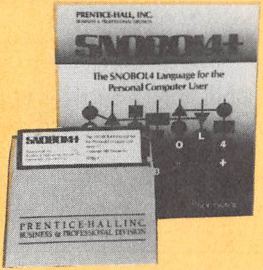
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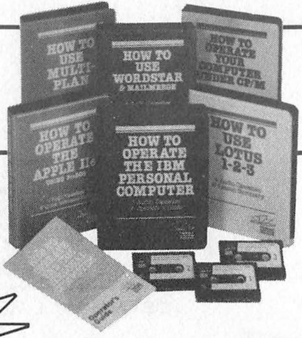
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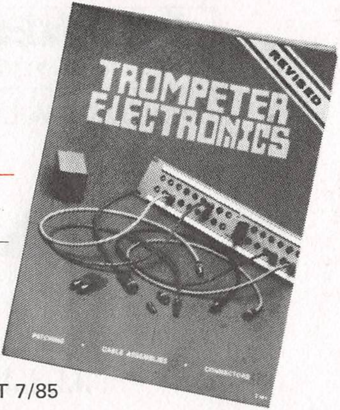
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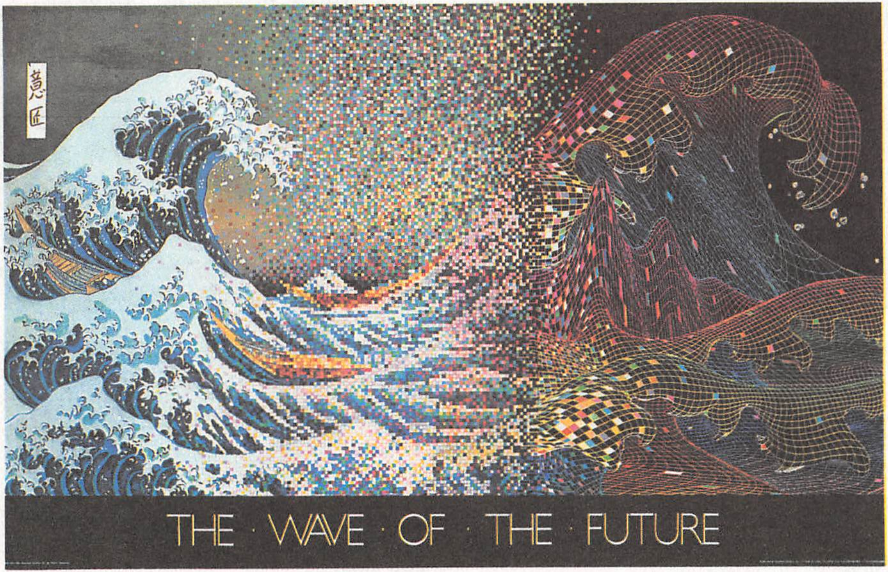
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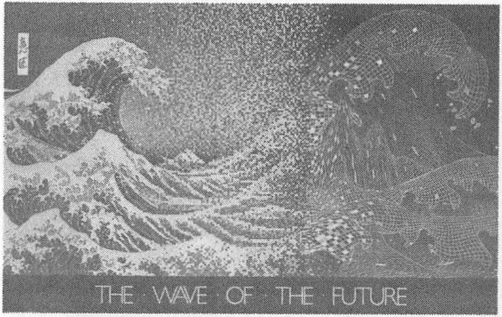
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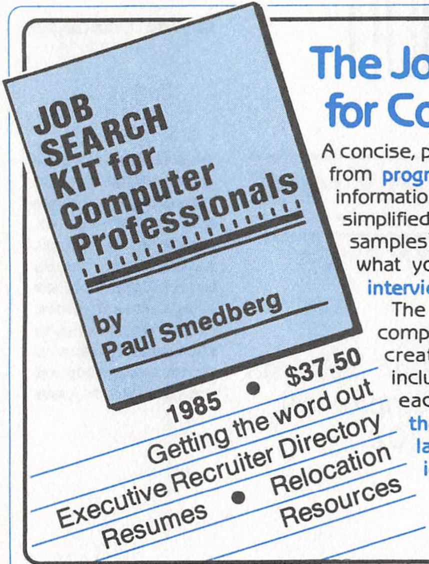
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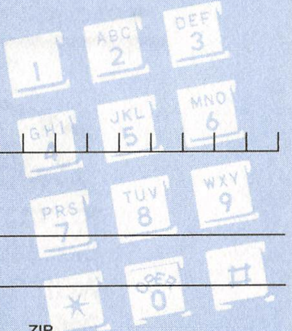

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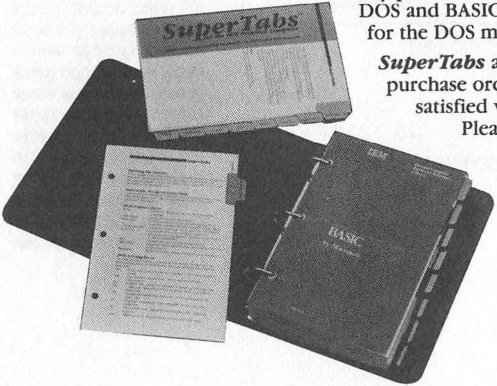

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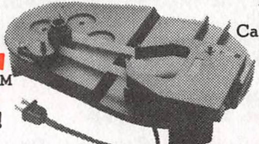

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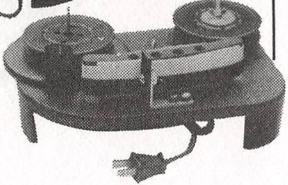

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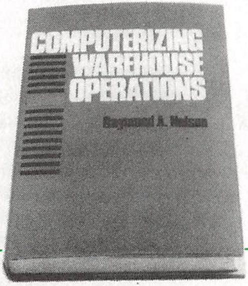

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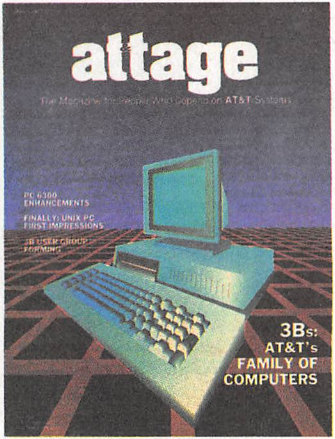
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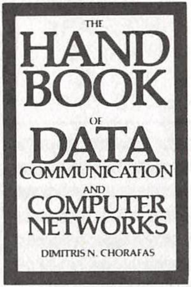

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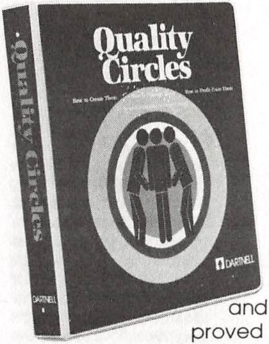

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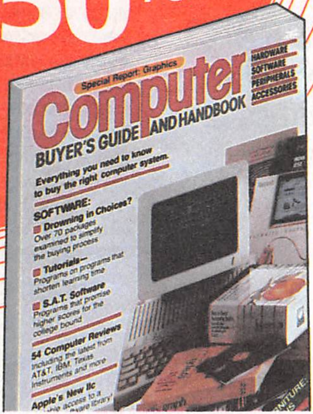
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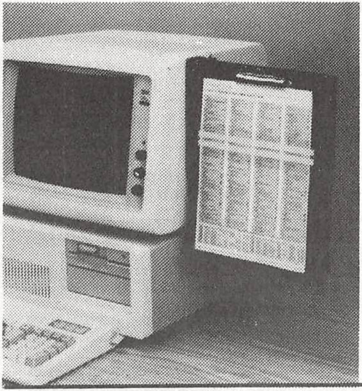

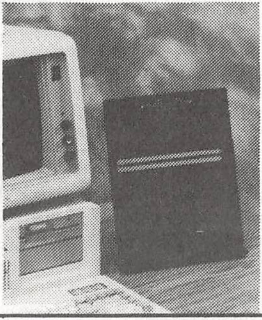

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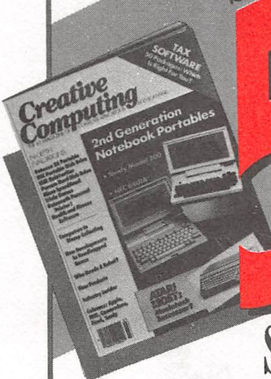
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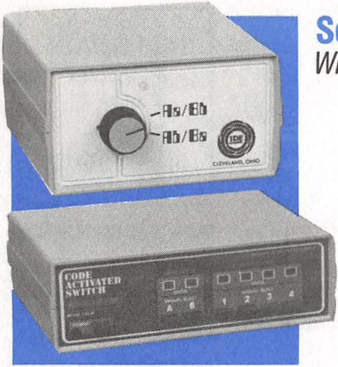

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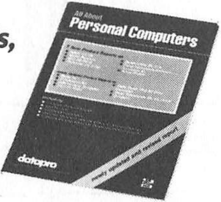

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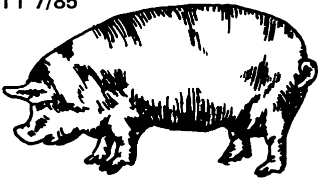

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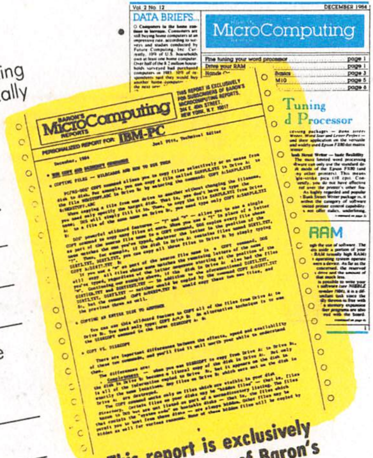
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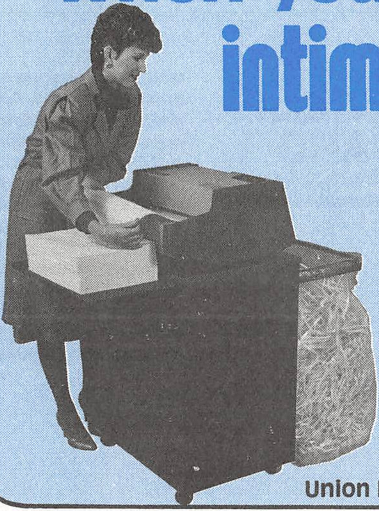

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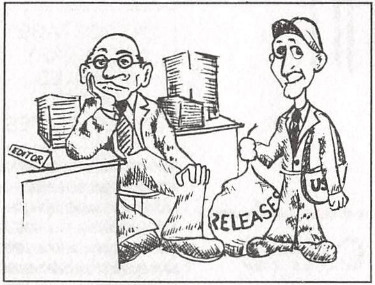

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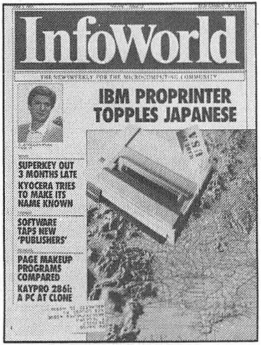
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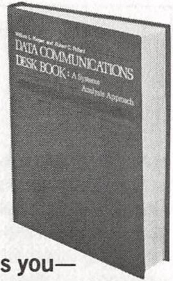
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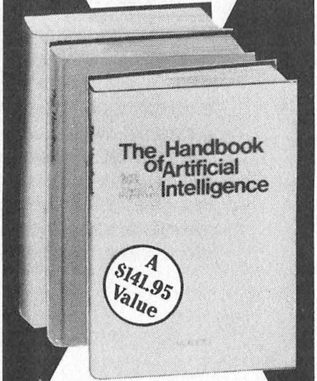

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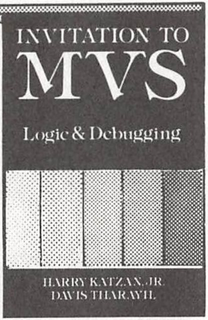

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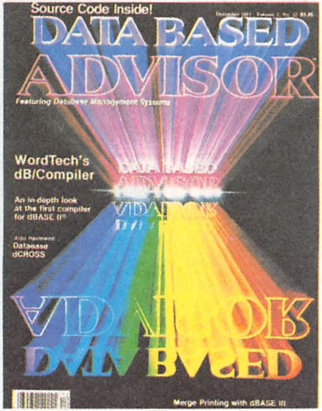
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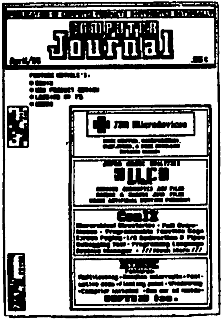

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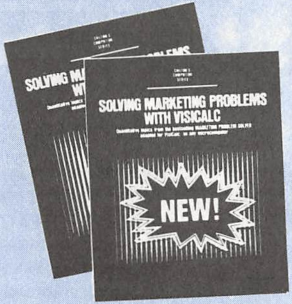

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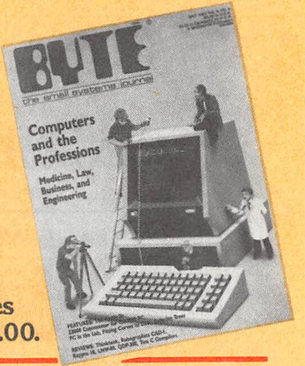
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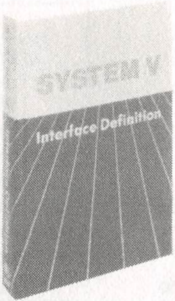

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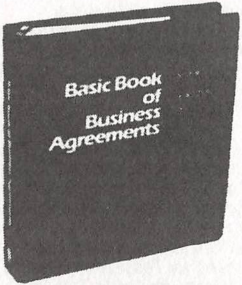

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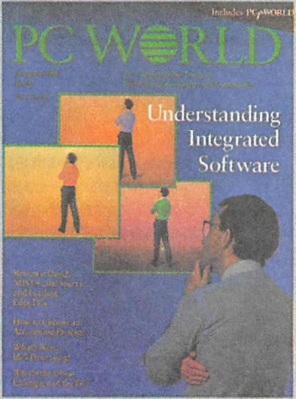

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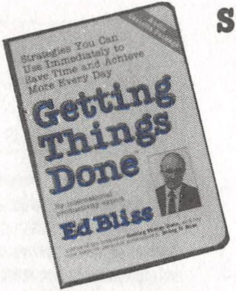
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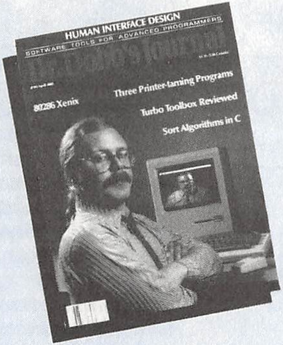
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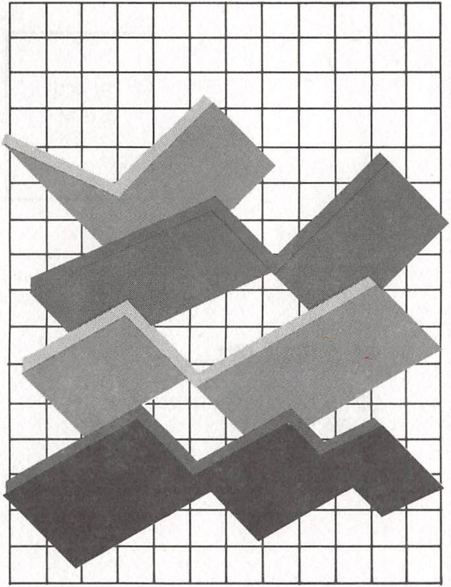

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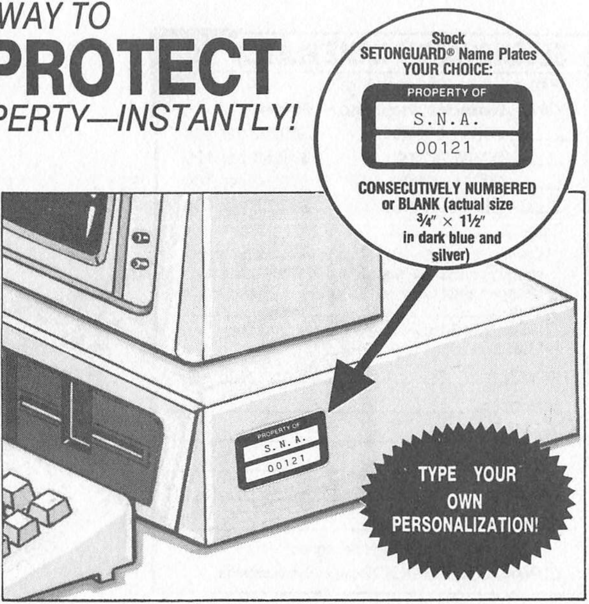
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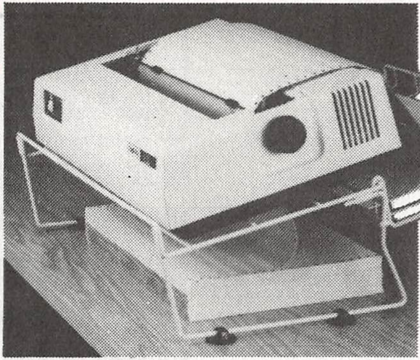

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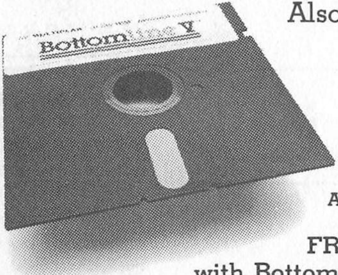

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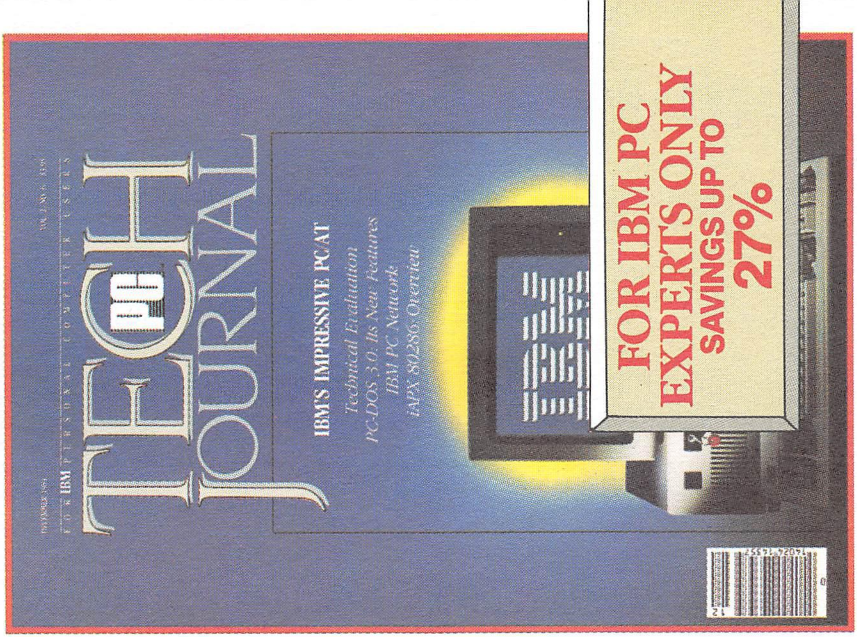
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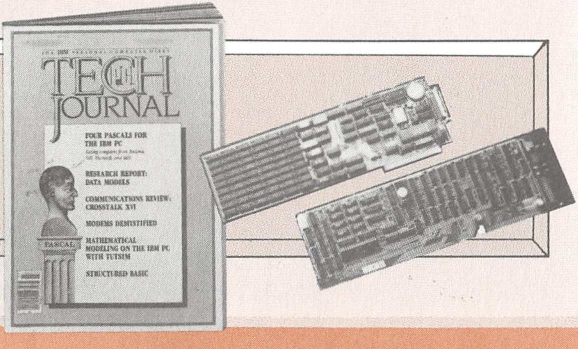
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☐ Educational: Colleges, Universities and Other Educational Institutions
☐ Finance: Banking, Insurance, Real Estate, Securities and Credit
☐ Trade: Wholesale and Retail
☐ Medical and Legal Services
☐ Transportation Services: Land, Sea and Air
☐ Utilities: Communications, Electric, Gas and Sanitary Services
☐ Construction, Mining and Agriculture
☐ Other qualified Business Services including Hotels, Amusements and Non-Profit Organizations, and Business Management Consultants.
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☐ Staff: Analyst/Systems Analyst, Mathematician, Programmer, Machine or Computer Operator, Software Designer, EDP auditor

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☐ Management: VP or Director of R&D, VP or Director Engineering, Plant or Production Manager/Director, Chief Engineer
☐ Staff: Member of Technical Staff/Group Leader, Systems Engineer, Design/Production/Research Engineer, Maintenance Engineer, Application Engineer, Other Engineer

OTHER

☐ Consultant or Educator (instruct EDP or use EDP)

☐ Other (specify) ____________________

3. MY PRIMARY AREA OF EDP ACTIVITY IS:

A ☐ USER of Computing or Data Processing Equipment
B ☐ MANUFACTURER of Computing or Data Processing Equipment

4. I AM PERSONALLY INVOLVED IN THE SPECIFICATION, SELECTION OR APPROVAL OF THE FOLLOWING PRODUCTS COMMUNICATIONS PRODUCTS FOR MICRO COMPUTERS:

A ☐ Microcomputers
B ☐ Minis or Mainframes
C ☐ Modems
D ☐ Multiuser systems
E ☐ Local area networks
F ☐ PBX's
G ☐ Voice/data integrated systesm
H ☐ Micro to mainframe products
J ☐ Terminal emulation
K ☐ Protocol converters
L ☐ General communications ☐ software
M ☐ Network software
N ☐ Information utilities
P ☐ Electronic mail

5. THE NUMBER OF EMPLOYEES AT THIS LOCATION: (check ONE only):

A ☐ 1-99
B ☐ 100-199
C ☐ 200-399
D ☐ 400-999
E ☐ 1,000-1,999
F ☐ Over 2,000

6. AT THIS LOCATION, WE OWN OR USE THE FOLLOWING BRANDS OF PERSONAL COMPUTERS:

A ☐ IBM/IBM compatible
B ☐ Apple
C ☐ Hewlett Packard
D ☐ DEC
E ☐ Radio Shack
X ☐ Other (specify) ____________________

7. DO YOU OWN A MODEM? Y ☐ Yes N ☐ No

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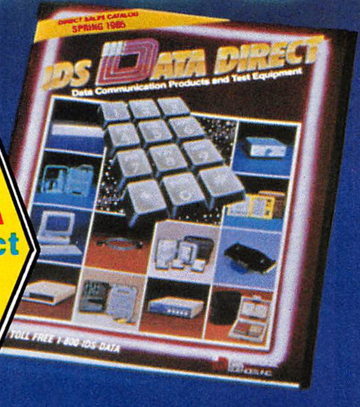

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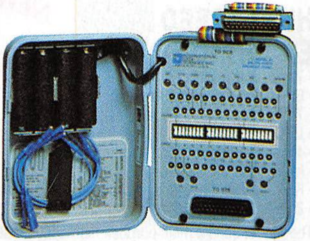
Model 61
RS232 TRI-STATE BREAKOUT BOX

THE GREY BOX

New Low Price!



- Tri-State LEDs monitor 12 key interface signals
- Access to all RS-232-C conductors
- 24 switches for testing and cross-patching
- Lifetime warranty

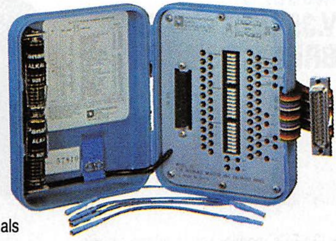
The Model 61 is a hand-held, battery-operated test set that will quickly locate and isolate your data comm problems at the modem-terminal interface. Compact and lightweight, the tri-state LEDs indicate Mark (red), Space (green), or OFF (no signals) conditions.

Product Code	Model	Description	Price
61A	61	RS-232-C Tri-State Breakout Box	$189

CALL TOLL FREE **1-800-IDS-DATA**

Model 60
RS232 INTERFACE MONITOR AND BREAKOUT BOX

THE BLUE BOX



- Interfaces with all modems and terminals
- 12 LEDs monitor key RS-232-C interface signals
- Lifetime warranty

The Model 60 is a portable, pocket-size test set providing access to all 25 conductors of the RS-232-C interface between the terminal and the modem. Twelve LEDs monitor the status of 12 primary signals. Two additional LEDs sense either positive or negative voltage levels and may be used to monitor any line.

Product Code	Model	Description	Price
60A	60	RS-232-C Interface Monitor and Breakout Box	$159

Model 66

THE GREEN BOX

HIGH SPEED ERROR RATE TEST SET

NEW!

- Tests up to 10M bps
- BERT, BLERT, and errored seconds testing
- Tests, counts, and displays sync loss
- LEDs monitor up to 14 interface signals
- 4 internal data rates or modem clock
- Inject error and self-test
- RS232, V.35, RS449, and DS-1 plug-in interface modules available
- 2 pseudo-random patterns can be transmitted, generated, received and analyzed

The Model 66 is a multi-purpose high-speed tester capable of performing a variety of tests utilizing interchangeable plug-in modules. It also includes functions such as sync status, counter overflow, and a manual reset/resync capability.

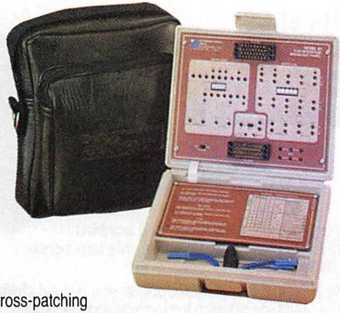
Product Code	Model	Description	Price
66A	66	High Speed Error Rate Test Set	$1295
66E		DS-1 Interface Module	450
66B		RS-232-C Interface Module	250
66D		RS-449 Interface Module	250
66C		V.35 Interface Module	325

IDS DATA DIRECT

Model 81

V.35 INTERFACE BREAKOUT BOX

NEW!



- 12 LEDs monitor key interface signals
- Pulse trap senses spurious line transitions
- Signals can be interrupted for testing and cross-patching

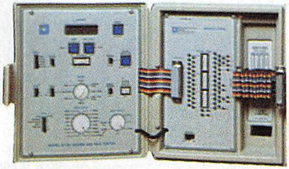
Our new hand-held, battery-operated test set will monitor and breakout the standard CCITT V.35 interface between a modem and terminal. Access to all interface signal conductors is provided in order to isolate and solve modem-terminal problems.

Product Code	Model	Description	Price
81A	81	V.35 Interface Breakout Box	$695

Model 67/60

MODEM AND MUX TESTER

THE
BEIGE
BOX



- Microprocessor-based
- BERT, POLLING and ECHO testing
- Fox and user-constructed message transmission
- 8 Selectable operational modes

The Model 67/60 is a hand-held unit used for testing data comm equipment and identifying poor quality data links. Eight operational modes allow you to transmit user-constructed as well as canned Fox messages, perform point-to-point and multi-drop polling, and echo and Bit Error Rate Tests. The Breakout panel provides access to all 25 conductors of the RS-232-C interface.

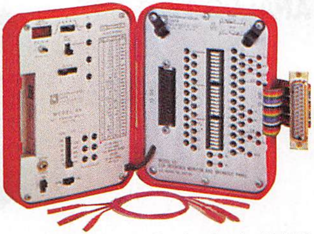
Product Code	Model	Description	Price
6760AB	67/60	Modem and Mux Tester	$995

CALL TOLL FREE **1-800-IDS-DATA**

Model 65/60

BIT ERROR RATE TESTER AND BREAKOUT BOX

THE
RED
BOX



- Tests async and sync modems
- Tests and monitors all RS-232-C signals

The Model 65/60 is composed of two separate units: A modem test set capable of performing BERTS on any digital sync or async modem link, and the popular "Blue Box" EIA Interface Monitor and Breakout Panel. Together, they provide a hand-held, battery-operated unit for testing and monitoring any data comm system at the terminal-modem interface.

Product Code	Model	Description	Price
6560AB	65/60	Bit Error Rate Tester and EIA Breakout Box	$650

Model 96
COMPREHENSIVE ANALOG TEST SET

NEW!

THE ORANGE BOX

- For use on leased, dedicated, or dial-up lines
- Connection to the test line via an RJ45 jack or two 310 jacks
- Dial-up capability via an RJ45 jack or butt-in studs
- Monitors received signal — volume controlled audio speaker
- Transmit frequency sweep, 5 fixed frequencies, or variable frequency
- Measures impulses exceeding any of 16 user-selectable threshold settings

The Model 96 is capable of transmitting and receiving signals for use in a variety of applications on dial-up or leased 2- or 4-wire lines. Analog lines can be tested for such common problems as AC continuity, frequency response, attenuation, background and impulse noise, gain slope, and round trip loss. All this power in a hand-held tester!

Product Code	Model	Description	Price
96A	96	Comprehensive Analog Test Set	$1295

IDS DATA DIRECT

Model 91
ANALOG TEST SET

THE BROWN BOX

NEW!

- Tests all leased and dedicated 2- or 4-wire transmission lines
- Transmits 5 user-selectable frequencies
- Measures and displays received signal levels on a four-digit LCD

This compact unit can be used in a variety of applications such as frequency response test, channel loss measurement, continuity check, Bell 829 loopback test and bridging/modem transmit levels.

Product Code	Model	Description	Price
91A	91	Analog Test Set	$325

Model 212A
ASYNCHRONOUS AUTO DIAL 300/1200 BAUD MODEM

NEW!

212A ECONOMODEM

- 100% compatible with Hayes Smartmodem®
- Bell 103/212A compatible
- Auto speed select
- Compatible with most smart communications software packages
- Auto Dial/Answer

The IDS Model 212A is the ideal modem to use when you want your PC to communicate directly over the public telephone lines to other PCs, mainframes, and information networks. It features tone and pulse dialing and two RJ11C modular phone jacks for easy voice/data operation. The 7 LEDs give you continuous monitoring of key signals.

Product Code	Model	Description	Price
36036	212A	IDS 212A Auto Dial Modem	$335

CALL TOLL FREE **1-800-IDS-DATA**

Model 6240
ASYNCHRONOUS LIMITED DISTANCE MODEM

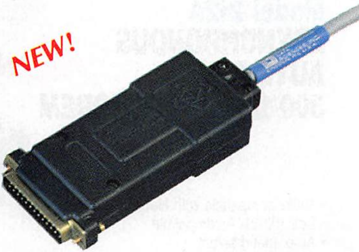
MODEL 6240
LIMITED DISTANCE MODEM

- Self-test diagnostics
- For use over 2- or 4-wire loaded or non-loaded twisted pair network
- Data rates up to 4800 bps. (loaded lines); up to 9600 bps. (non-loaded)

The Model 6240 is designed for asynchronous operation over 2- or 4-wire loaded or non-loaded twisted pair conductors. It can be used in both point-to-point and multi-drop network configurations and is ideally suited for local data distribution up to 12 miles using conventional 26 gauge wire.

Product Code	Model	Description	Price
6240A	6240	Limited Distance Modem (Desktop)	$400

Model SRM 6D/01
MINIATURE ASYNCHRONOUS LINE DRIVER


NEW!

- Speeds up to 19.2Kbps.
- Extends transmission range to over 10 miles
- Fast and easy installation
- No connection to AC power
- Conforms to Bell Pub. 43401

The SRM 6D/01 Miniature Asynchronous Line Driver requires no strapping or power supply connection. Installation is easy; just connect your 4-wire telephone line and you are ready to hook up.

Product Code	Model	Description	Price
36020	SRM6D01M	Mini Async Line Driver — Male Connector	$80
36021	SRM6D01F	Mini Async Line Driver — Female Connector	$80

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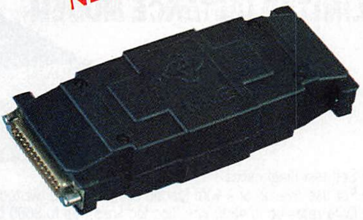
Model MME
MICRO MODEM ELIMINATOR


NEW!

- Small, lightweight, low cost
- Data rates from 1200 bps. to 19.2Kbps.
- Fast and easy installation
- No connection to AC supply

The Synchronous Micro Modem Eliminator is the smallest available on the market. It eliminates the use of two synchronous modems by permitting direct, port-to-port connection. Interfacing of the MME and its associated terminal and computer is done via two female, 25-pin connectors.

Product Code	Model	Description	Price
36026	MME	Micro Modem Eliminator	$165

Model RCM

TWO PORT COAX MULTIPLEXER

NEW!

COAX
MULTIPLEXER
J1
MAIN
J2

- Miniature size
- Enables two IBM® terminals or printers to operate through one coax cable
- Hardware and software transparency
- Fast and easy installation

The RCM Coax Multiplexer allows you to double the number of peripherals which may be used on existing coax lines. The most popular use of the RCM is to put a printer at every terminal without the need of laying new cable.

Product Code	Model	Description	Price
36031	RCM	Two-Port Coax Multiplexer	$145

CALL TOLL FREE **1-800-IDS-DATA**

Model MSA

MICRO ASYNCHRONOUS TO SYNCHRONOUS CONVERTER

NEW!

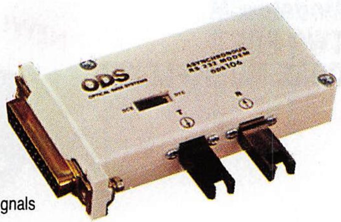
- Miniature and featherweight
- Allows async terminals to utilize sync modems
- 7 or 8 bit code
- Fast and easy installation
- No AC power

The MSA Micro Asynchronous to Synchronous Converter allows you to interface an asynchronous terminal or computer port with a synchronous modem. The MSA contains a 160-bit buffer to compensate for differences in baud rates.

Product Code	Model	Description	Price
36027	MSA	Micro Async to Sync Converter	$220

Model 106
ASYNCHRONOUS FIBER OPTIC MODEM

NEW!



- Full-duplex, async, to 19.2Kbps.
- Powered entirely by the RS-232 interface signals
- DTE/DCE Switch
- Mounts on DB25 connector

The Model 106 fiber optic modem is a plug compatible replacement for most 4- and 9-wire RS-232 cables and wire modems. The use of very low cost acrylic cables makes this link a cost effective solution for distances up to 200 feet.

Product Code	Model	Description	Price
36046	106-M	Asynchronous Fiber Optic Modem — Male	$119.00
36047	106-F	Asynchronous Fiber Optic Modem — Female	119.00

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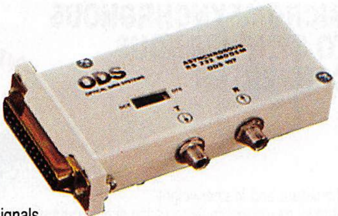
Model 107
ASYNCHRONOUS FIBER OPTIC MODEM

NEW!

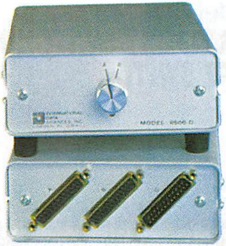


- Distances up to 1.7 miles
- Full-duplex, async, to 19.2Kbps.
- Powered entirely by the RS-232 interface signals
- DTE/DCE Switch
- Mounts on DB25 connector

The Model 107 is a data only, RS-232 modem which is compatible with the majority of async computer terminal ports. Using 50 micron core glass fiber cable enables large improvements in speed and bandwidth gained over traditional metallic interconnects.

Product Code	Model	Description	Price
36017	107-F	Async Fiber Optic Modem — Female	$160.00
36048	107-M	Async Fiber Optic Modem — Male	$160.00

Model 8506
RS232
AB SWITCH



Lifetime Warranty!

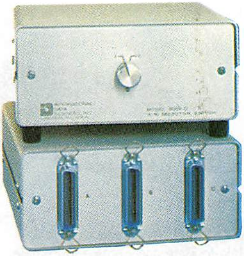
- No power required
- Two-position rotary switch

Our most popular switch, the Model 8506 lets you quickly and easily switch between two front end processor (FEP) channels or terminals and a modem or between two modems and a terminal. You can even simultaneously transfer all 24 signals of the interface (except Pin 1 — chassis ground). Quality backed by a lifetime warranty!

Product Code	Model	Description	Price
8506A	8506	AB Selector Switch, Desktop	$130

CALL TOLL FREE **1-800-IDS-DATA**

Model 8559
CENTRONICS TYPE 36-PIN AB SWITCH



Lifetime Warranty!

- Switches any two 36-wire inputs into a 36-wire output
- Allows 2 PC's to share 1 printer
- No power required!

The Model 8559-D allows the user to manually switch any two 36-wire inputs into a 36-wire output. Ideal for safely switching either of two personal computers between a printer that uses a Centronic-type interface. With its free lifetime warranty, how can you resist?

Product Code	Model	Description	Price
8559A	8559-D	Centronics Type 36-Pin AB Selector Switch	$160

Model 524
MULTIPORT SWITCHING SOFT SWITCH

NEW!

- Expands one serial port to 4 individual ports
- Port selection, baud rate, and data format are software selectable. Each port may have a different configuration
- EIA RS-232-C Interface, DTR, CTS, RTS, and DSR handshaking
- Simultaneous communication between ports

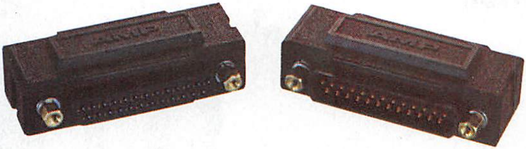
The Model 524 has a host port and four peripheral ports. The host port is usually connected to a computer and the peripheral ports are connected to devices such as printers, modems, terminals, etc.

Product Code	Model	Description	Price
35245	524	1 to 4 Multiport Soft Switch	$279

IDS DATA DIRECT

GENDER CHANGERS

New Low Price!



- All 25 conductors wired
- Male-to-Male and Female-to-Female

Cost effective, IDS' RS-232 gender changers eliminate the need for purchasing costly cables when wrong sex connectors are a problem.

Product Code	Model	Description	Price
36012	8520-GM	Male to Male RS232 Gender Changer	$23.99
36013	8520-GF	Female to Female RS232 Gender Changer	$23.99

DATA CABLES

- Standard RS232; 25 Conductor
- Low capacitance
- CCITT V.35
- RS-449
- Ribbon
- Coaxial
- Centronics Type
- Special

IDS manufactures a wide variety of cables to meet the needs of your communication system. We use the highest quality materials, and every cable is 100% tested. Here is an example of the most popular ones.

EIA RS232 Data Interface Cable

Length	Price
6′	$19.60
10′	22.00
15′	25.00
25′	31.00
50′	46.00

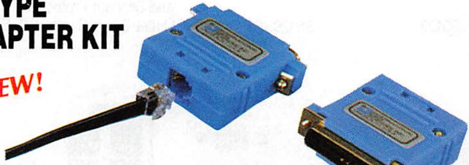
Specify male or female connectors - All 25 conductors wired!

CALL TOLL FREE **1-800-IDS-DATA**

Model MAK-6

RS-232/RJ11 TYPE MODULAR ADAPTER KIT

NEW!



- Assemble your own adapters in 2 minutes
- Ideal for test stands and patch-panels
- Permits 6-wire telephone cable to interconnect RS-232 equipment

This adapter is a sturdy screw-together hood with an RS-232 connector on one end and an RJ11 type telephone jack on the other end. This kit allows you to pin the connectors to meet your needs.

Product Code	Model	Description	Price
36034	MAK-6M	RS-232/RJ11 Type Modular Adapter Kit — Male	$10.99
36035	MAK-6F	RS-232/RJ11 Type Modular Adapter Kit — Female	$10.99

SURGE PROTECTORS

- Protect your expensive PC's and electronic equipment
- Clamps any voltage rise > 10% above peak normal
- Rated dissipation: 1,000,000 watts at 100 microseconds
- UL listed

New Low Prices!

IDS offers 4 models of Surge Protectors to protect your expensive and sophisticated communications equipment. A voltage surge lasting less than 1 millisecond can result in misindexed programs, false triggering of circuits, premature component failure, hazardous shorts, or even an electrical fire due to arc-over. These units stop high voltage transients before they do any damage!

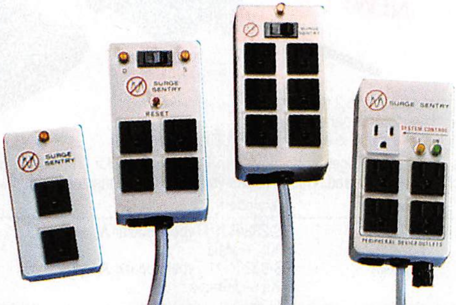
Model SS-120-HF
- 2 outlet
- Plugs into standard 120V outlet
- EMI/RFI Noise Filtration

Model SS-120-MSF
- 6 outlet
- Master On/Off Switch
- EMI/RFI Noise Filtration

Model SS-120-HF
- 4 outlet
- Master On/Off Switch
- Dropout Protection
- EMI/RFI Noise Filtration

Model SS-120-SC
- System Control
- 5 outlet
- 1 device controls power to all others

Product Code	Model	Description	Price
33120	SS120HF	2 Outlet Surge Sentry	$49.50
33121	SS120MSF	6 Outlet Surge Sentry with On/Off Switch	61.50
33122	SS120DSF	4 Outlet Surge Sentry with On/Off Switch and Dropout Protection	79.50
33123	SS120SCF	5 Outlet Surge Sentry with System Control	111.50



Freedom 110
VIDEO DISPLAY TERMINAL

NEW!

- 12-inch non-glare green phosphor screen
- Baud rate to 19.2Kbps.
- 4 Modes of Operation: Block, Conversation, Monitor, and Local
- 10 programmable function keys
- 24 lines by 80 characters, plus user-accessible 25th line status
- Non-volatile full screen set-up menu

The Freedom 110 is the low-cost solution in today's ASCII terminal world. This terminal emulates the TeleVideo 910®, ADDS Regent 25®, Lear Siegler ADM 3A/5®, and the Hazeltine 1420®.

Product Code	Model	Description	Price
36043	F110	Video Display Terminal	$499

CALL TOLL FREE **1-800-IDS-DATA**

Model PC1000E
PROTOCOL CONVERTER

INTERNATIONAL DATA SCIENCES INC. LINCOLN, R.I. U.S.A.
CU
TX DATA
RX DATA
PASS THRU
POWER
MODEL PC-1000

- Link most popular PCs to IBM mainframes
- Enables PC or Terminal to emulate IBM 3278-2 terminal
- Allows cluster controller dial-in capability
- Multi-level password security

The IDS PC-1000E connects almost any personal computer or ASCII terminal into the IBM 3274/76 cluster controller. Simple keystrokes switch back and forth between the IBM and other host computer worlds.

Product Code	Model	Description	Price
36004	PC-1000E	Protocol Converter	$995

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